

### **Abstract**

A system, apparatus and method is shown for collecting data on rolled product usage at a dispensing location by monitoring the amount of product pulled or removed from a roll. In the invention, a spindle assembly may be configured to support a product roll. The spindle assembly includes a rotating member in operable connection to the spindle. A sensor is connected to the spindle assembly. The sensor is capable of detecting one or more parameters of product usage from the roll. Furthermore, the sensor may be configured to measure at least the degree of movement of the rotating member during removal of product from the roll. A recording device also may be provided for receiving data from the sensor, the recording device being adapted for receiving and recording data. Data that may be generated, and may be recorded, includes roll product usage data. An electronically controlled system of monitoring product inventory, and/or ordering more product when inventory falls below a predetermined threshold amount is disclosed.

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